

Clean Set of Claims

B1

1. A system for transmitting a plurality of localized information streams within a common general digital audio broadcast channel, comprising:

- a plurality of local content source information streams;
- a plurality of local broadcast identifying codes each associated with a respective one of said plurality of local content source information streams;
- a formatting module adapted to insert said plurality of local broadcast identifying codes into respective ones of said plurality of local content source information streams; and
- a digital radio transmitter adapted to transmit data packets each containing at least one of said plurality of local broadcast identifying codes and at least a portion of one of said plurality of local content source information streams;

wherein at least one of said plurality of local broadcast identifying codes is contained in a header of each data packet transmitted by said transmitter.

B2

11. A method for transmitting a plurality of local broadcast information streams within a common channel, comprising:

- associating one of a plurality of unique local broadcast identifying codes with each of a plurality of local content information streams; and
- transmitting a digital radio signal over said common channel, said digital radio signal comprising a plurality of data packets each containing one of said plurality of content information streams and an associated one of said plurality of unique local broadcast identifying codes;

wherein at least one of said plurality of unique local broadcast identifying codes are included in respective header portions of said data packets.

B3 18. Apparatus for transmitting a plurality of local broadcast information streams within a common channel, comprising:

means for associating one of a plurality of unique local broadcast identifying codes with each of a plurality of local content information streams; and

means for transmitting a digital radio signal over said common channel, said digital radio signal comprising a plurality of data packets each containing one of said plurality of content information streams and an associated one of said plurality of unique local broadcast identifying codes;

wherein said means for transmitting includes means for including at least one of said plurality of unique local broadcast identifying codes in respective header portions of said data packets.

B4 25. An information stream combiner for a digital audio broadcast transmitter, comprising:

a local audio content source;

a module adapted to packetize said local audio content source;

a local broadcast identifying code storage element; and

a processor adapted to insert a local identifying code obtained from said local broadcast identifying code storage element into each data packet containing at least a portion of said local audio content source;

wherein said processor is further adapted to insert said local identifying code into a header portion of each data packet.

B5
29. (Amended) A method of receiving one of a plurality of local audio content source information streams in a common channel of a digital audio broadcast system, comprising:

monitoring said common channel for a local audio transmission associated with a geographic location of a receiver;

playing back said local audio content source information stream if a monitored local audio transmission is associated with said geographic location of said receiver;

storing a unique local broadcast identifying code associated with said geographic location of said receiver;

said monitoring including a search of detected data packets for said unique local broadcast identifying code contained therein corresponding to a transmission associated with said geographic location of said receiver.

B6
31. (Amended) The method of receiving one of a plurality of local audio content source information streams in a common channel of a digital audio broadcast system according to claim 29, wherein:

said unique local broadcast identifying code is a zip code.